

**ABSTRACT OF THE DISCLOSURE:**

A method for load balancing in a link aggregation environment, wherein the method includes the steps of determining if a packet flow in a network switch exceeds a predetermined threshold. Then the method includes the 5 step of determining if the packet flow is a candidate for link switching from a first link to a second link if the packet flow exceeds the predetermined threshold. Additionally, the method includes switching the packet flow from the first link to the second link if the packet flow is determined to be a candidate for link switching. Additionally, a method for load balancing in a link 10 aggregation environment including the steps of determining a length of a first frame and a length of a second frame entering the link aggregation environment. Thereafter, determining a flow rate of the first frame and the second frame entering the link aggregation environment. Then a step of determining if the flow rate exceeds a predetermined flow rate threshold is 15 undertaken, and thereafter, a step of determining if the first frame and the second frame are candidates for link switching is completed. As a final step, the method switches a transmission link for the second frame from a first transmission link to a second transmission link.